



APR 10 2001

April 6, 2001

Mr. Charlie Walls
Project Officer
Denali Commission
510 L Street, Suite 410
Anchorage, AK 99501

FILE
C7W
4-11-01

Subject: 30-Day Report, Project Number 0023-DC-2001-I5

Dear ~~Mr. Walls~~ *Charlie*

Per the requirements of the Financial Assistance Award to Alaska Village Electric Cooperative, Inc. (AVEC) from the Denali Commission, this letter constitutes the first deliverable of the award, which is a report establishing a schedule and budget for the approved projects.

Attached is a five-page spreadsheet that lists all 24 AVEC projects with anticipated construction start and completion dates as well as preliminary cost budgets. Also attached is a more detailed 'Project Kickoff Schedule' prepared by our consultant, MACTEC, Inc. for projects that they are assisting us with.

Please let me know if this information is sufficient for the purposes of this report or if further clarifications are necessary. Our next report to you will be our first quarterly report, for the period ending June 30, 2001.

Sincerely,

Meera Kohler
President & CEO

**Schedules and Budgets for
Denali Commission Projects
as of April 5, 2001**

Village	Work Order #	Description	Design Completed	Poles/Transformers Advance Ordered	Start of Construction	Completion of Construction	Estimated Cost	Charges to Date	Available Funding
Kivalina	97D33001	CONVERT DISTRIBUTION SYSTEM TO OVERHEAD	March 2000	March 2001	July 1, 2001	September 1, 2001	\$101,930	\$32,750	
Kivalina	97D331X7	RETIRE URD SYSTEM AFTER CONVERSION							
Kivalina	33D49	CONVERT REMAINING URD TO OVERHEAD							
Kivalina	33D1X1	RETIRE KV-2AC	February 1996				\$1,353	\$200	
Kivalina	33D1X2	RETIRE KV-9	February 1996				\$1,353	\$2,650	
Kivalina	33D1X3	RETIRE KV-2AB	March 1997				\$1,353	\$200	
Kivalina	33D1X5	RETIRE URD BACKBONE	September 1999					\$0	
Kivalina	33D1X6	RETIRE REMAINING URD						\$1,150	
							\$400,000		\$400,000
Ambler	97D60001	CONVERT DISTRIBUTION SYSTEM TO OVERHEAD	March 2001	March 2001	July 1, 2001	September 1, 2001	\$307,072	\$12,550	
Ambler	97D601X4	RETIRE URD SYSTEM AFTER CONVERSION							
Ambler	60D45	CONVERT 1500' OF UTILIDOR TO OVERHEAD	March 1999				\$6,989	\$26,605	
Ambler	60D46	CONVERT BACKBOVE URD SYSTEM	December 1996				\$59,134	\$49,499	
Ambler	60D47	CONVERT REMAINING URD TO OVERHEAD	March 2001					\$0	
Ambler	60D54	CONVERT PORTION OF AIRPORT URD	July 1999					\$15,110	
Ambler	60D1X1	RETIRE URD FROM PLANT TO SCHOOL	May 1993				\$2,926	\$1,426	
Ambler	60D1X2	RETIRE 750' OF UTILIDOR	January 1999				\$2,728	\$2,590	
Ambler	60D1X3	RETIRE REMAINING URD						\$2,135	
Ambler	60D8X1	RETIRE PORTION OF AIRPORT URD	June 1999					\$400	
							\$400,000		\$400,000
Shungnak	97D47001	CONVERT DISTRIBUTION SYSTEM TO OVERHEAD	May 2001	March 2001	August 1, 2001	November 1, 2001	\$200,000	\$150	
Shungnak	97D471X6	RETIRE URD SYSTEM AFTER CONVERSION							
Shungnak	47D39	CONVERT LINE TO AIRPORT TO OVERHEAD	April 1999				\$23,397	\$12,050	
Shungnak	47D40	INSTALL 25 KVA SU-15	January 1999					\$0	
Shungnak	47D46	CONVERT FLOOD LEVEL URD TO OVERHEAD	April 1999				\$11,498	\$9,050	
Shungnak	47D48	INSTALL 15 KVA ON POLE 4-38						\$350	
Shungnak	47D1X1	RETIRE URD REPLACED BY OVERHEAD	June 1993				\$5,213	\$650	
Shungnak	47D1X2	RETIRE URD NEAR AIRPORT	March 1999				\$5,069	\$250	

**Schedules and Budgets for
Denali Commission Projects
as of April 5, 2001**

Village	Work Order #	Description	Design Completed	Poles/Transformers Advance Ordered	Start of Construction	Completion of Construction	Estimated Cost	Charges to Date	Available Funding
Shungnek	47D113	RETIRE 15KVA SU-15	January 1995					\$0	
Shungnek	47D114	RETIRE 50 KVA	February 1996				\$4,283	\$700	
Shungnek	47D115	RETIRE FLOOD AREA URD	April 1999				\$851	\$200	
Shungnek	47D261	RETIRE9 KVA POLE 4.3B	October 1995				\$400,000		\$400,000
Huslia	97D0401	CONVERT DISTRIBUTION SYSTEM TO OVERHEAD	June 2001	March 2001	August 1, 2001	November 1, 2001	\$200,000	\$400	
Huslia	97D041X2	RETIRE URD SYSTEM AFTER CONVERSION							
Huslia	4D56	IMPROVE DISTRIBUTION SECTIONALIZING	January 1995				\$15,375	\$12,986	
Huslia	4D74	RELOCATE POLES 12, 13, 14, 15 AND 16	April 1997				\$22,718	(\$2,853)	
Huslia	4D86	INCREASE TRANSFORMER CAP FOR SCHOOL SERVICE	July 1999				\$7,350	\$4,318	
Huslia	4D87	CONVERT SERVICE FOR GORDON YASKA						\$871	
Huslia	4D88	CONVERT SERVICE #4 FROM HU-17 TO OVERHEAD	February 2000				\$2,832	\$2,717	
Huslia	4D90	REPLACE TEMPORARY SERVICE QUICK PIPE TO GLEN	June 2000				\$7,475	\$2,476	
Huslia	4D91	REPLACE TEMPORARY SERVICE #6 FROM HU-16C	June 2000				\$2,426	\$3,405	
Huslia	4D92	REPLACE TEMPORARY SECONDARY BETWEEN HU-11 AND 12	June 2000				\$3,599	\$3,024	
Huslia	4D48X1	RETIRE SERVICE TO OLD DOT ELECTRIC EQUIPMENT						\$0	
Huslia	4D55X1	RETIRE SERVICE TO OLD FAA AWOS						\$0	
Huslia	4D9X1	RETIRE 15 KVA TRANSFORMER AND 1/0	July 1999				\$944	\$789	
							\$400,000		\$400,000
Kiana	97D01001	CONVERT DISTRIBUTION SYSTEM TO OVERHEAD	July 2001	March 2001	September 1, 2001	December 1, 2001	\$200,000	\$250	
Kiana	97D011X3	RETIRE URD SYSTEM AFTER CONVERSION							
Kiana	1D52	RESECTIONALIZE DISTRIBUTION SYSTEM	January 2000				\$19,580	\$13,239	
Kiana	1D53	INSTALL PADMOUNT 50 KVA TRANSFORMER B-PH	September 1997				\$5,696	\$4,843	
Kiana	1D56	INSTALL PADMOUNT 50 KVA TRANSFORMER A-PH	September 1997					\$3,536	
Kiana	1D57	RELOCATE SERVICE FROM POLE #3	December 1997				\$1,199	\$1,154	
Kiana	1D68	CONVERT UNMARKED SERVICE FROM PED K-19	September 2000				\$2,209	\$1,218	
Kiana	1D71	CONVERT UNMARKED SERVICE FROM PED K-34	August 2000				\$8,301	\$1,015	

**Schedules and Budgets for
Denali Commission Projects
as of April 5, 2001**

Village	Work Order #	Description	Design Completed	Poles/Transformers Advance Ordered	Start of Construction	Completion of Construction	Estimated Cost	Charges to Date	Available Funding
Kiana	1D1X2	RETIRE URD REPLACED BY OVERHEAD	September 1998				\$13,394	\$6,437	
Kiana	1D43X1	RETIRE 45 KVA PADMOUNT TRANSFORMER K-1CX	April 2000				\$3,927	\$803	
							\$400,000		\$400,000
Lower Kalskag	97D13001	CONVERT DISTRIBUTION SYSTEM TO OVERHEAD	August 2001	March 2001	September 1, 2001	December 1, 2001	\$200,000	\$200	
Lower Kalskag	97D131X1	RETIRE URD SYSTEM AFTER CONVERSION						\$41	
Lower Kalskag	13D53	COMPLETE OVERHEAD CONVERSION					\$26,446	\$20,434	
Lower Kalskag	13D55	MODIFY DISTRIBUTION SYSTEM AROUND POWER PLANT	June 2000				\$400,000		\$400,000
Upper Kalskag	97D67001	CONVERT DISTRIBUTION SYSTEM TO OVERHEAD	September 2001	March 2001	October 1, 2001	January 1, 2002	\$200,000	\$200	
Upper Kalskag	97D671X2	RETIRE URD SYSTEM AFTER CONVERSION							
Upper Kalskag	67D 33	RELOCATE TRANSFORMER KTL-8A FOR AIRPORT	June 1998				\$3,636	\$1,104	
Upper Kalskag	67D42	MULTI-PHASE EXISTING LINE TO HIGH SCHOOL	June 1998				\$49,546	\$103,283	
Upper Kalskag	67D44	CONVERT TIE LINE TO OVERHEAD	June 1998				\$227,594	\$196,099	
Upper Kalskag	67D46	CONVERT DISTRIBUTION SYSTEM TO OVERHEAD							
Upper Kalskag	67D47	MOVE LINE FOR AIRPORT REDESIGN	October 1999				\$32,715	\$31,669	
Upper Kalskag	67D54	RELOCATE POLE 46 AT REQUEST OF DOT	August 2000				\$3,223	\$4,157	
Upper Kalskag	67D44x1	RETIRE OVERHEAD LINE AT END OF AIRPORT	October 1999				\$2,381	\$1,431	
							\$400,000		\$400,000

**Schedules and Budgets for Completion of
Denali Commission Projects
as of April 5, 2001**

Village	Work Order #	Description	Engine Generators on Order	Engine Generator Availability Date	Design Completed	Engine Delivered to Site	Installation to Begin	Installation Complete	Estimated Cost	Charges to Date	Available Funding
Savoniga	97G29001	Install high efficiency diesel generator set in position #3	yes	May 15, 2001	April 15, 2001	June 1, 2001 (air)	June 15, 2001	July 15, 2001	\$200,000	\$6,835	\$200,000
Kiana	97G01001	Install high efficiency diesel generator set in position #1	yes	May 15, 2001	May 1, 2001	June 1, 2001 (air)	June 15, 2001	July 15, 2001	\$200,000	\$1,650	\$200,000
Kiana	97G01004	Retire CAT D353 generator set form position #1									
Shishmaref	97G29001	Install high efficiency diesel generator set in position #2	yes	May 15, 2001	May 20, 2001	July 1, 2001 (barge)	July 23, 2001	August 23, 2001	\$200,000	\$1,950	\$200,000
Shishmaref	97G29002	Retire CAT D353 generator set form position #2									
Quinhagak	97G2214x	Retire JD6619A generator set form position #2	yes	May 15, 2001	June 20, 2001	July 1, 2001 (barge)	July 23, 2001	August 23, 2001	\$200,000	\$2,150	\$200,000
Ind Station	97G29001	Install high efficiency diesel generator set in position #3	yes	May 15, 2001	July 20, 2001	July 1, 2001 (barge)	September 1, 2001	October 1, 2001	\$200,000	\$2,600	\$200,000
Pilot Station	97G2313x	Retire JD6619A generator set form position #3									
Toksook Bay	97G71001	Install high efficiency diesel generator set in position #3	yes	May 15, 2001	August 20, 2001	July 1, 2001 (barge)	September 15, 2001	October 15, 2001	\$200,000	\$2,300	\$200,000
Toksook Bay	97G7117x	Retire JD6619A generator set form position #3									

Village	Work Order #	Description	Control Panel on Order	Control Panel Availability Date	Design Completed	Control Panel Delivered to Site	Installation to Begin	Installation Complete	Estimated Cost	Charges to Date	Available Funding
Savoniga	97G29002	Install control panel in position #3	no	June 1, 2001	April 15, 2001	June 15, 2001 (air)	June 15, 2001	July 15, 2001	\$50,000	\$200	\$0

Village	Work Order #	Description	Submarine Cable on Order	Design Completed	Module Availability Date	Lease with UKSD Final	Module, Xtnrs Switches Delivered	Sub Cable Delivered	Installation to Begin	Installation Complete	Estimated Cost	Charges to Date	Available Funding
Kasigluk	97G68001	Install standby backup power system		March 20, 2001	May 15, 2001	Mar 1, 2001	July 1, 2001		July 15, 2001	September 1, 2001	\$308,330	\$6,900	
Kasigluk	89D 03	Multiphase overhead line		March 1, 2001					September 1, 2001	December 1, 2001	\$73,835	\$2,153	
Kasigluk	89D 09	Install additional runs of submarine cable	no	March 29, 2001					September 15, 2001	December 15, 2001	\$54,531	\$750	
Kasigluk	89D 02	Complete additional upgrades to telnet		September 2000							\$788,400	dead \$183,211	
Nunapitchuk	90D0	Install overhead river crossing		September 2000							\$115,200	\$14,788	
Kasigluk	89D 04	Install overhead river crossing		September 2000							\$108,800	\$11,632	\$850,000

Village	Work Order #	Description	Estimated Cost	Charges to Date	Available Funding
Anchorage	97G99001	Planning & Implementation of Denali Commission Project	\$50,000	\$8,650	\$0

**Schedules and Budgets for Completion of
Denali Commission Projects
as of April 5, 2001**

Wage	Work Order #	Description	RFP for Design Build Advertised	Closing date Design Bid RFPs	Interview Phase I Design Date	NTP Issued Phase I	Complete Phase I	NTP Issued Phase II	Complete Phase II	NTP Issued Phase III	Tanks Fabricated	Tanks Delivered	Pipe Ordered	Pipes Installed	Tanks Installed	Project Completed	Estimated Cost	Change to Date	Available Funding	
Koyuk	87040001	CO-COATE TANK FARM, INSTAL PIPELINE DIST SYSTEM	3/1/01	3/1/00	4/30/01	4/15/01	5/15/01	6/1/01	7/15/01	8/1/01	11/1/01	7/1/02	7/1/02		8/1/02	10/1/02		2,446,000.00	200.00	2,446,000.00
Benny Mission	87030001	CO-COATE TANK FARM, INSTAL PIPELINE DIST SYSTEM	3/1/01	3/1/00	4/30/01	4/15/01	5/15/01	6/1/01	7/15/01	8/1/01	11/1/01	7/1/02	7/1/02		8/1/02	10/1/02		2,320,000.00	450.00	2,320,000.00
Elim	87034001	CO-COATE TANK FARM, INSTAL PIPELINE DIST SYSTEM	3/1/01	3/1/00	4/30/01	4/15/01	5/15/01	6/1/01	7/15/01	8/1/01	11/1/01	7/1/02	7/1/02		8/1/02	10/1/02		1,816,000.00	450.00	1,816,000.00
Tunukuk	87010001	CO-COATE TANK FARM, INSTAL PIPELINE DIST SYSTEM	3/1/01	3/1/00	4/30/01	4/15/01	5/15/01	6/1/01	7/15/01	8/1/01	11/1/01	7/1/02	7/1/02		8/1/02	11/1/01		1,850,000.00	0.00	1,850,000.00
Hashli	87040001	INSTAL GASOLINE FUEL LINE & TANK FARM LINERS	3/1/01	3/1/00	4/30/01	4/15/01	5/15/01	6/1/01	7/15/01	8/1/01			8/1/01	10/1/01		10/1/02		250,000.00	0.00	250,000.00
Amuk	87031001	INSTAL FUEL FILL LINE, UPGRADE TANK FARM	3/1/01	3/1/00	4/30/01	4/15/01	5/15/01	6/1/01	7/15/01	8/1/01	11/1/01	7/1/02		8/1/01	10/1/01	10/1/02		525,000.00	50.00	525,000.00
Imper	87060001	EXTEND FUEL FILL LINE TO AIRPORT ASPON	3/1/01	3/1/00	4/30/01	4/15/01	5/15/01	6/1/01	7/15/01	8/1/01			8/1/01	10/1/01		11/1/01		310,000.00	0.00	310,000.00
Imperuk	87047001	EXTEND FUEL FILL LINE TO AIRPORT ASPON	3/1/01	3/1/00	4/30/01	4/15/01	5/15/01	6/1/01	7/15/01	8/1/01			8/1/01	10/1/01		11/1/01		155,000.00	0.00	155,000.00

Wage	Work Order #	Description	Cost Mgmt. Appr. Executed	100% Design Completed	Tanks Fabricated	Tanks Shipped	Pipe Shipped	Tanks Installed	Pipeline Installed	Project Completed	Estimated Cost	Changes to Date	Available Funding
Chitinao	8701101	EXTEND FUEL FILL LINE TO PORT A CO-COATE TANK FARM		4/1/01	5/1/01	6/1/01	6/1/01	7/1/01	7/1/01	8/1/01	4/11/99	250.00	1,300,000.00
Neokuk	8703201	PHASE 2 OF COMBANTY TANK FARM UPGRADE		6/1/01	6/1/01	8/1/01		8/1/01		11/1/01	8/11/01	6,000.00	1,100,000.00

Wage	Work Order #	Description	Specs Complete - Control Panels, Switchgear, Gen Sets	Specs Complete Module End	Out to Bid for Pkg'd Equip	Out to Bid for Module End	Bid Opening Pkg'd Equip	Award of Bid Pkg'd Equip	Bid Opening Module End	Award of Bid Module End	Delivery of Pkg'd Equip	Delivery of Module End	Requests for Accessory Equip	Accessory Equip. Received	Installation of Pkg'd Equip	Installation of Accessory Equip	Modules Assembled	Complex Installation	Estimated Cost	Changes to Date	Available Funding
Koyuk	8704001	RELOCATE POWER PLANT	4/15/01	5/1/01	4/20/01	5/4/01	5/7/01	5/14/01	5/21/01	5/28/01	6/14/01	8/1/01	7/15/01	8/15/01	11/15/01	11/15/01	4/1/02	10/1/02	250,000.00		250,000.00
Benny Mission	8703801	INSTAL UPGRADE POWER PLANT																	1,560,000.00		1,560,000.00
Elim	8703401	INSTAL UPGRADE POWER PLANT	4/15/01	5/1/01	4/20/01	5/4/01	5/7/01	5/14/01	5/21/01	5/28/01	6/14/01	8/1/01	7/15/01	8/15/01	11/15/01	11/15/01	4/1/02	10/1/02	1,784,000.00		1,784,000.00

**AVEC - DENALI COMMISSION PROJECTS (2001/2002)
PROJECT KICKOFF SCHEDULE**

ID	Task Name	Duration	Start	Finish	Float	Predecessors	Successors
19	Issue RFIs	1 day	Thu 03/01/01	Thu 03/01/01	0 days 18		20
20	Response by Design/Bidders	12 days	Fri 03/02/01	Mon 03/19/01	0 days 19		21
21	Review proposals	4 days	Tue 03/20/01	Fri 04/06/01	0 days 20		22
22	Interview Proposers	1 day	Mon 04/09/01	Mon 04/09/01	0 days 21		23
23	Selection of Design/Bidders	10 days	Tue 04/10/01	Mon 04/23/01	0 days 15FF, 22		27, 28
24							
25	Finalization of Contract Packaging	40 days	Tue 04/24/01	Mon 06/18/01	0 days		
26	Scoping of contract packages (in conjunction with selected design builders)	20 days	Tue 04/24/01	Mon 05/21/01	0 days 15, 23		28
27	Estimating of contract packages (in conjunction with selected design/bidders)	20 days	Tue 04/24/01	Mon 05/21/01	0 days 23		28
28	Review and reprioritization of work based on packaging concepts and estimated costs	10 days	Tue 05/22/01	Mon 06/04/01	0 days 27, 26		29
29	Review packaging and execution plan with the Detail Commission	5 days	Tue 06/05/01	Mon 06/11/01	0 days 28		30
30	Finalize packaging and execution plan and contract assignments to design/bidders	5 days	Tue 06/12/01	Mon 06/18/01	0 days 29		33
31							
32	Kickoff of Design/Build Execution	175 days	Tue 12/05/00	Mon 08/06/01	0 days		
33							
34	Design/builders develop specs and prelim engineering for summer '01 prelim site work (one month)	30 days	Tue 08/19/01	Mon 07/30/01	0 days 30		34SS+10 days, 36
35	Design/builders procure materials & equipment & mobilize to villages to execute '01 prelim site work	25 days	Tue 07/23/01	Mon 08/06/01	0 days 33SS+10 days		36
36	Preliminary Phase Complete	0 days	Mon 08/06/01	Mon 08/06/01	0 days 34, 33		

2001

J A J J A

AVEC - DENALI COMMISSION PROJECTS (2001/2002)
PROJECT KICKOFF SCHEDULE

ID	Task Name	Duration	Start	Finish	First	Predecessors	Successors	D	J	F	M	A	M	J	J	A
1	OVERALL PROGRAM - KICKOFF PHASE															
2	Identification of Projects	0 days	Thu 12/07/00	Thu 12/07/00	0 days			100%								
3	Subm of proposal to Denali Commission	0 days	Thu 12/07/00	Thu 12/07/00	0 days			100%								
4																
5	Funding Approval	0 days	Mon 01/15/01	Mon 01/15/01	0 days 3			100%								
6																
7	Program Planning & Prioritization	71 days	Mon 01/15/01	Mon 04/23/01	0 days											
8	Plan delivery approach, project priorities, allocation of resources (Phase 1)	55 days	Mon 01/15/01	Fri 03/20/01	0 days 5			100%								
9	Design/Procurement Accomplished To Date	12 days	Thu 03/15/01	Mon 04/02/01	0 days											
10	Design Completed - Installation of Standby Backup Power System (Kasiguk)	0 days	Tue 03/20/01	Tue 03/20/01	0 days 8SS			100%								
11	Power/Transformers Advance Ordered Koyukuk, Ambler, Shungnak, Huslia, Kana, Lower Kalslag, Upper Kalslag	0 days	Thu 03/15/01	Thu 03/15/01	0 days 8SS			100%								
12	100% Design Completed - Fuel Fill Line Extension to Deep Water Port & Tank Farms Consolidation (Old Harbor)	0 days	Mon 04/02/01	Mon 04/02/01	0 days 8SS			100%								
13	Evaluate status of program and prepare status report	14 days	Mon 04/02/01	Thu 04/19/01	0 days 10			14, 15SS								
14	Submit status report to Denali Commission	0 days	Thu 04/19/01	Thu 04/19/01	0 days 13			100%								
15	Develop plan (Phase 2) for sequencing and execution of village projects	16 days	Mon 04/02/01	Mon 04/23/01	0 days 13SS			23FF, 26								
16																
17	Selection of Design/Builders	14 days	Mon 01/15/01	Mon 04/23/01	0 days											
18	Development of RFQs	33 days	Mon 01/15/01	Wed 02/28/01	0 days 5			19								